



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, May 30, 2015

Issued: 0800 CT

Day 1 Hazards: Widespread area of showers and thunderstorms capable of producing heavy rainfall and additional flash flooding over much of TX today and SE TX/LA tonight.

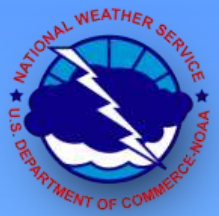
Continuing Hazards: Major river flooding ongoing TX, OK, AR and LA.

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Jennifer McNatt
817-978-1100 x 147

Key Points



Today

- Ongoing showers and storms across much of TX this morning will continue to shift east and southward throughout the day; threat of heavy rainfall will also continue throughout the day over these areas (Central and NE TX during the day and shifting into SE TX later tonight into the overnight hours)
 - Widespread severe weather threat appears to be low at this time

Sunday – Monday

- Showers and storms continue over mainly LA and Coastal TX on Sunday; widespread severe weather and/or heavy rainfall threat appears to be low at this time
 - Any additional rainfall, however, especially near the Houston area, will aggravate flooding concerns
- Rain chances on Monday appear to be limited to mostly SE LA and NM






Tuesday – Wednesday

- The weather appears to be relatively quiet across the Region the middle of next week
- River flooding, however, will continue to be a major concern through likely the next month (at least)

*FEMA Region 6 Threat Matrix

May 29, 2015 - Jun 2, 2015

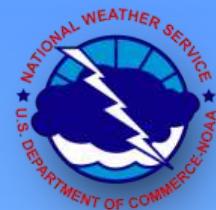
DAY/ THREAT	SAT	SUN	MON	TUE	WED
Severe Storms	S AR, LA, TX, S NM	LA, Coastal & S TX			
Heavy Rain /Flash Flooding	Central and SE TX	LA, Coastal TX	SE LA		
Fire					
River Flooding	TX, S OK, AR, NW LA	TX, S OK, AR, NW LA	TX, S OK, AR, NW LA	TX, S OK, NW LA, AR	TX, S OK, NW LA, AR

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We are experimenting with a new color scale to the left as of April 13th. Please provide feedback to sr-srh.roc@noaa.gov. See next slide for more details.



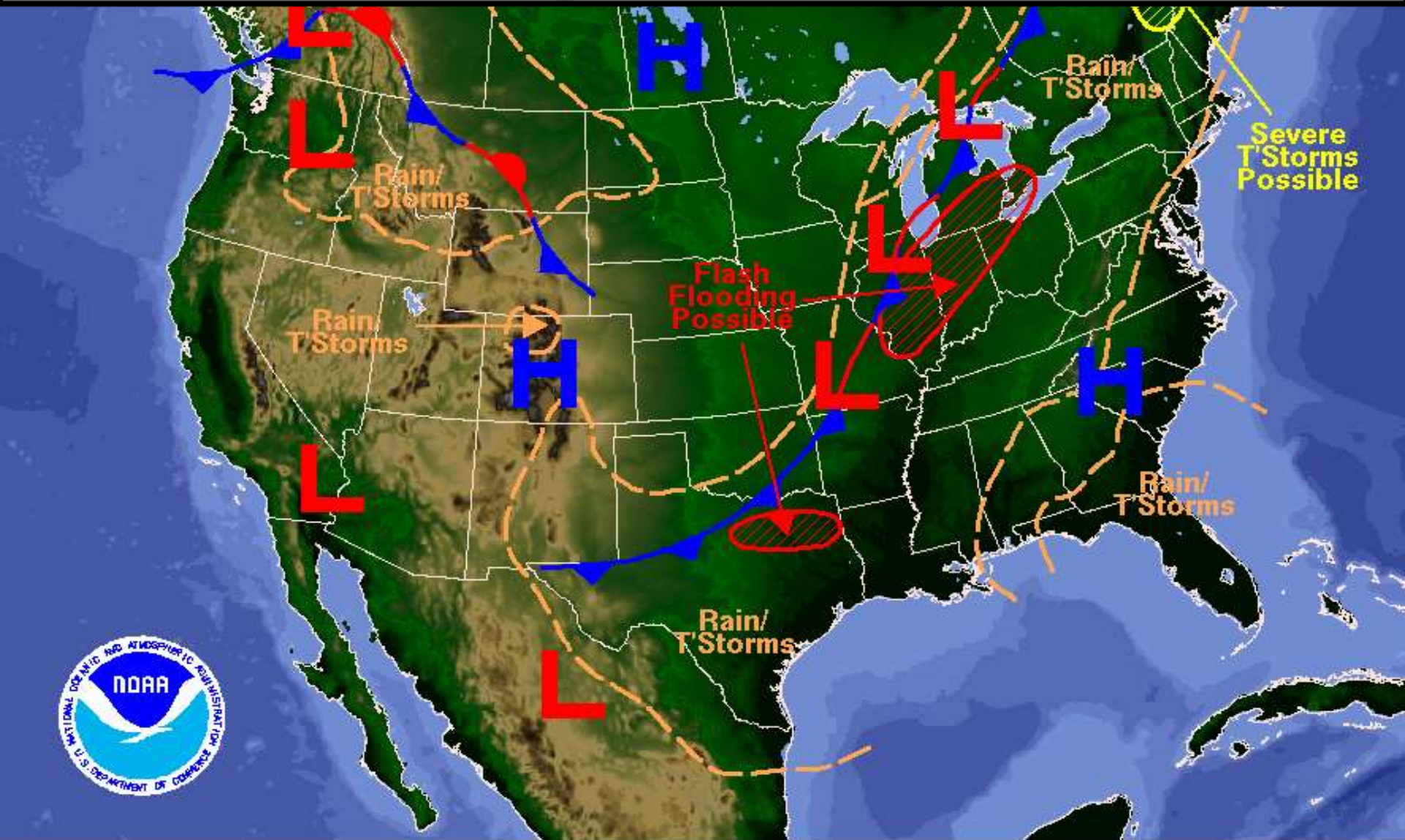
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

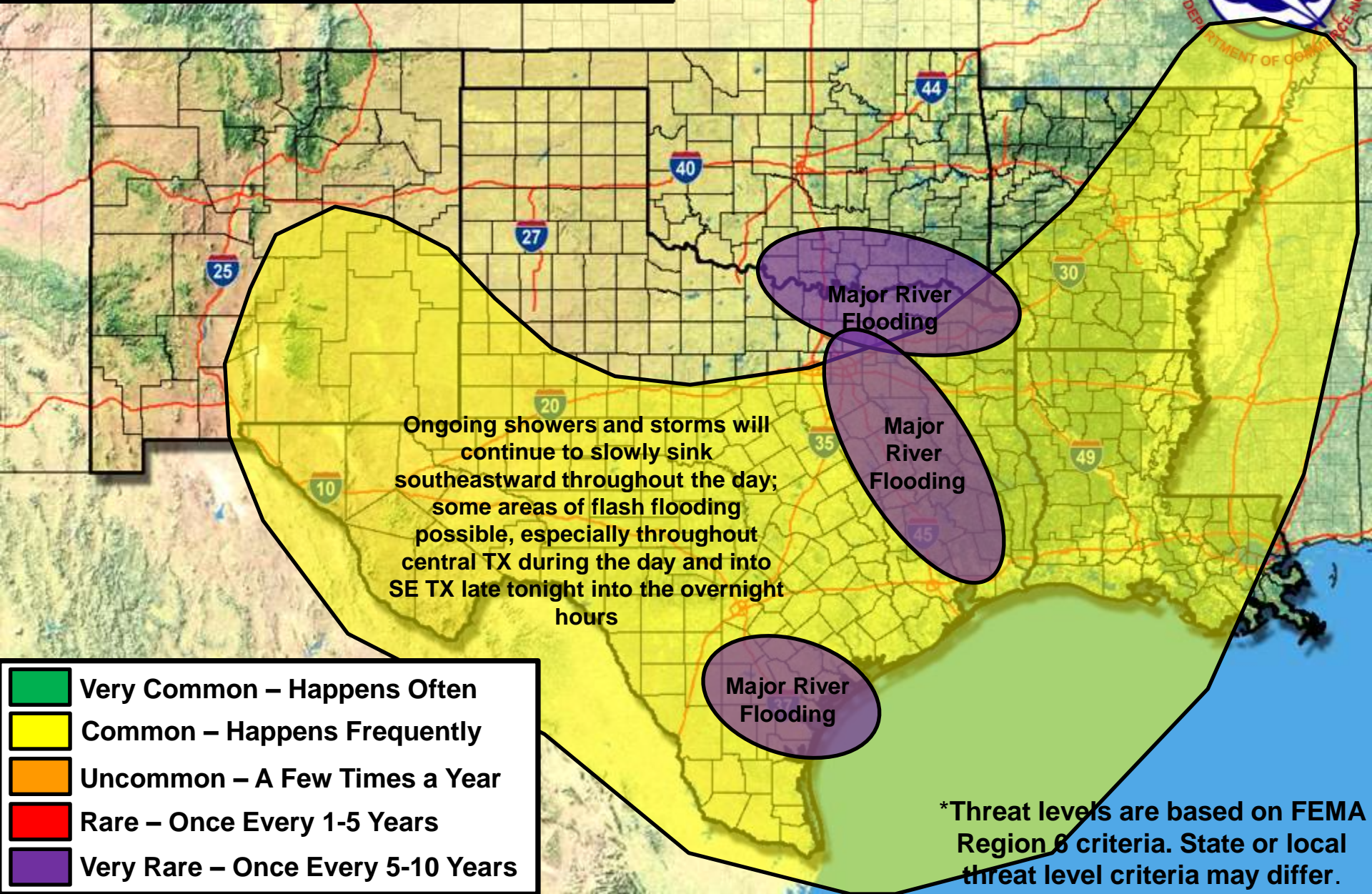
Today's Weather



Weather Forecast for Sat, May 30, 2015, issued 4:39 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Ryan based on WPC, SPC and NHC forecasts

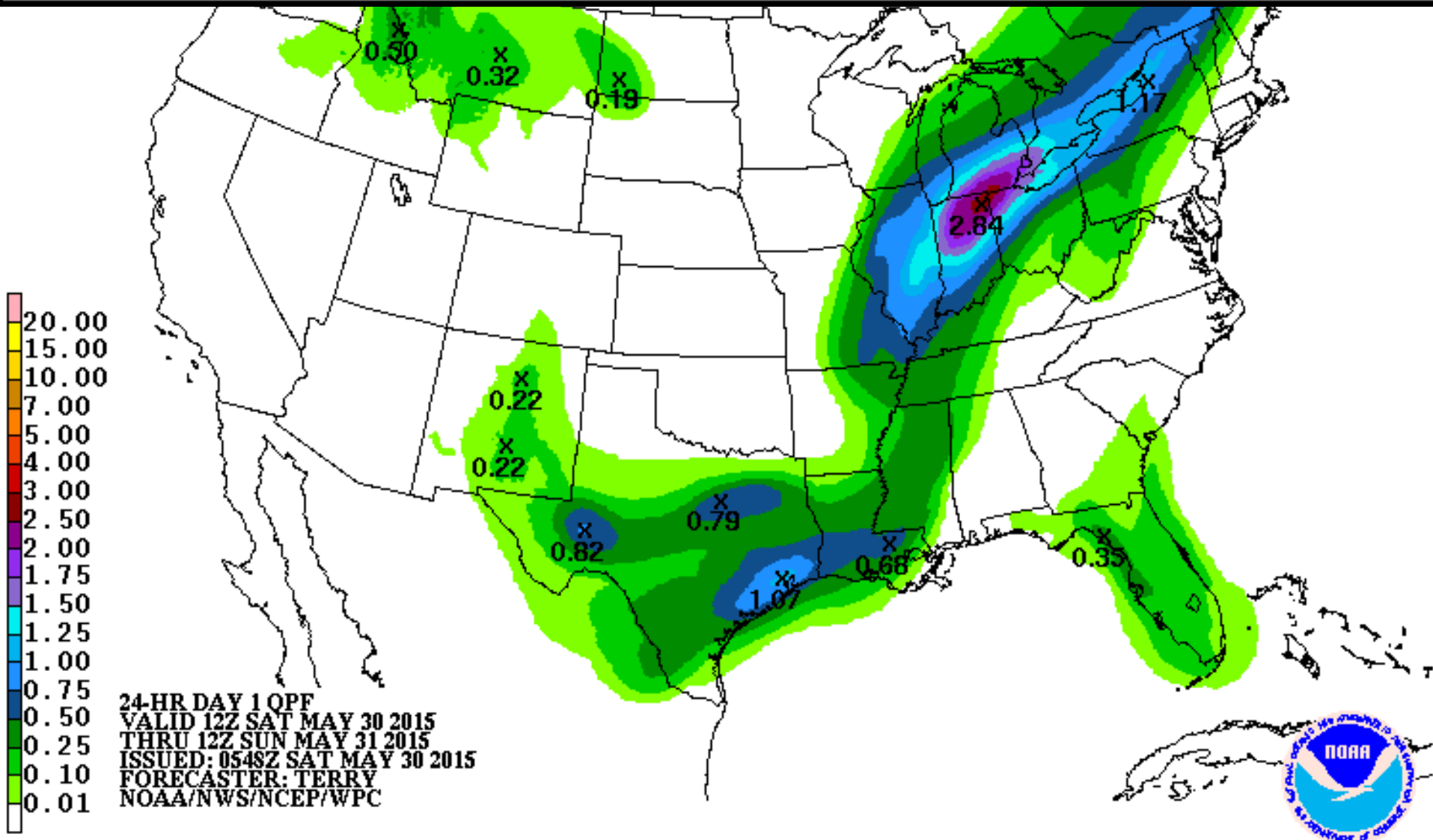
Day 1 Weather Hazards

Valid: 0800 Sat - 0800 Sun

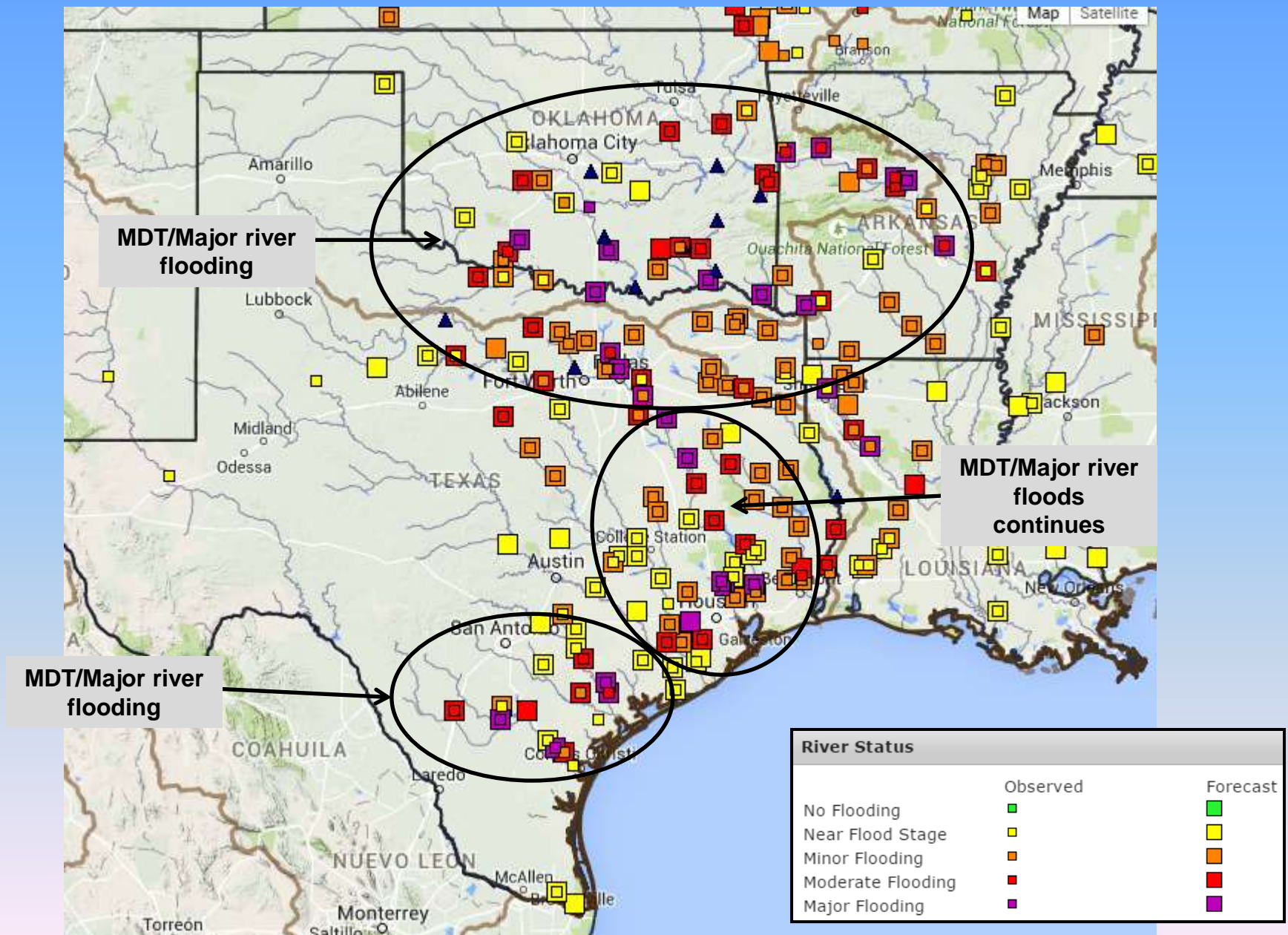


Today's Precipitation

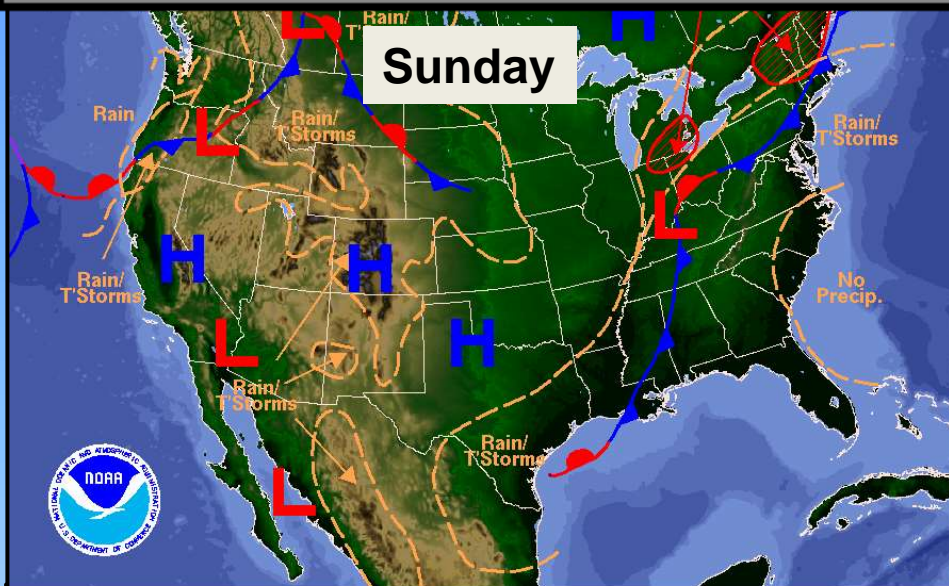
Fri AM - Sat AM



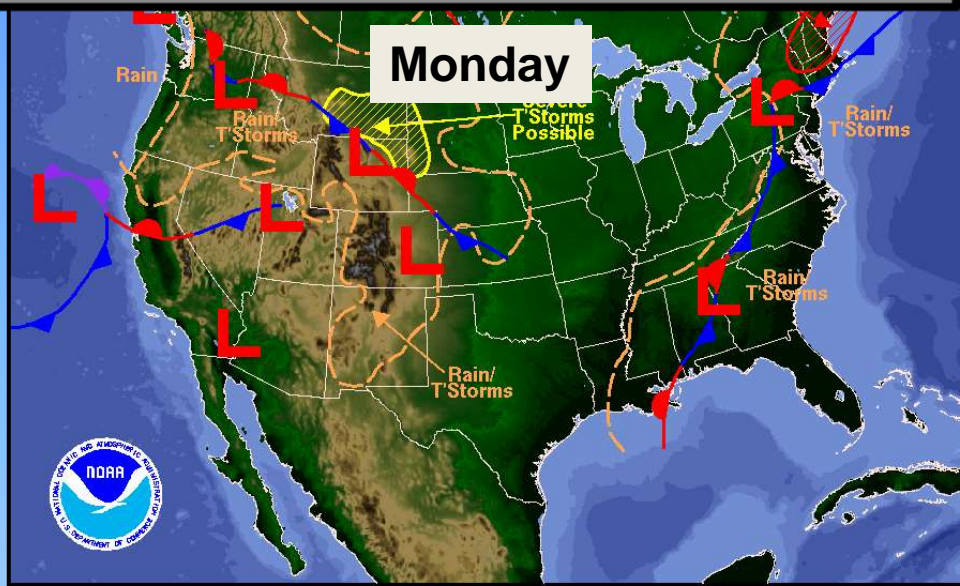
Current River Status / Near Term Forecast



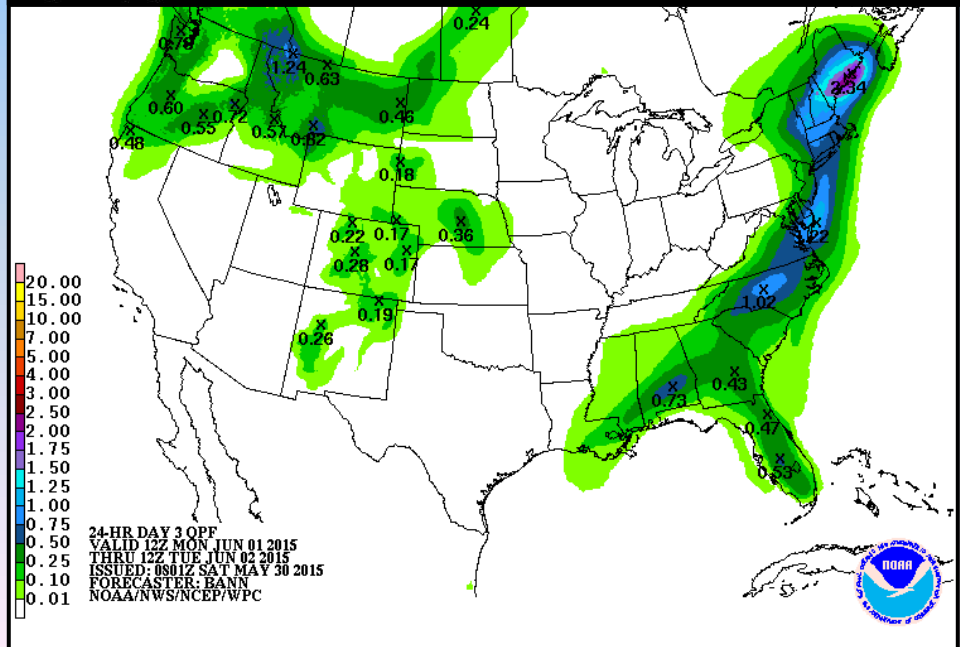
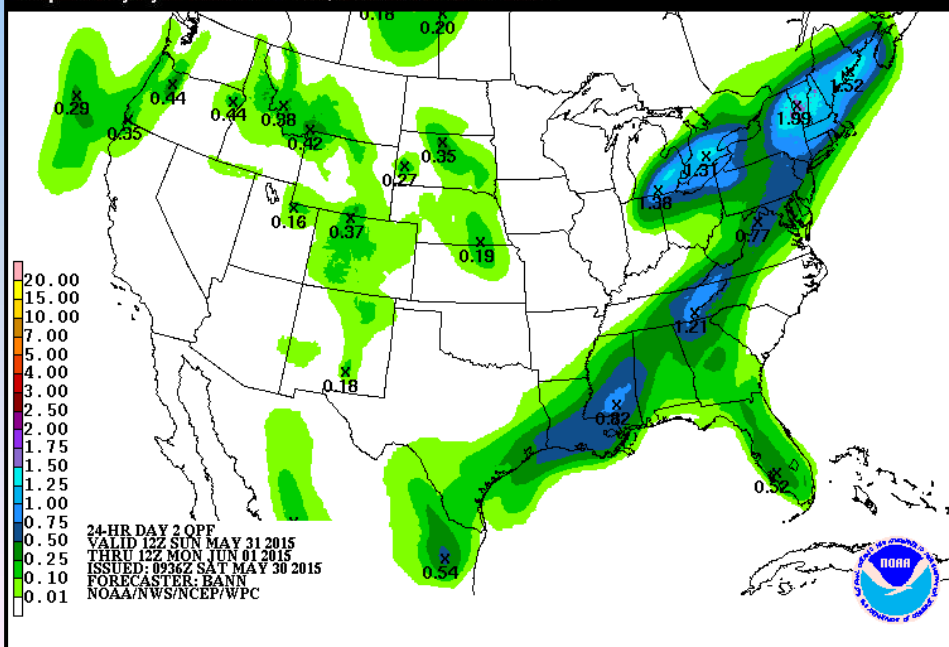
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Sun, May 31, 2015, issued 4:42 AM EDT Sat, May 30, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Ryan based on WPC, SPC and NHC forecasts

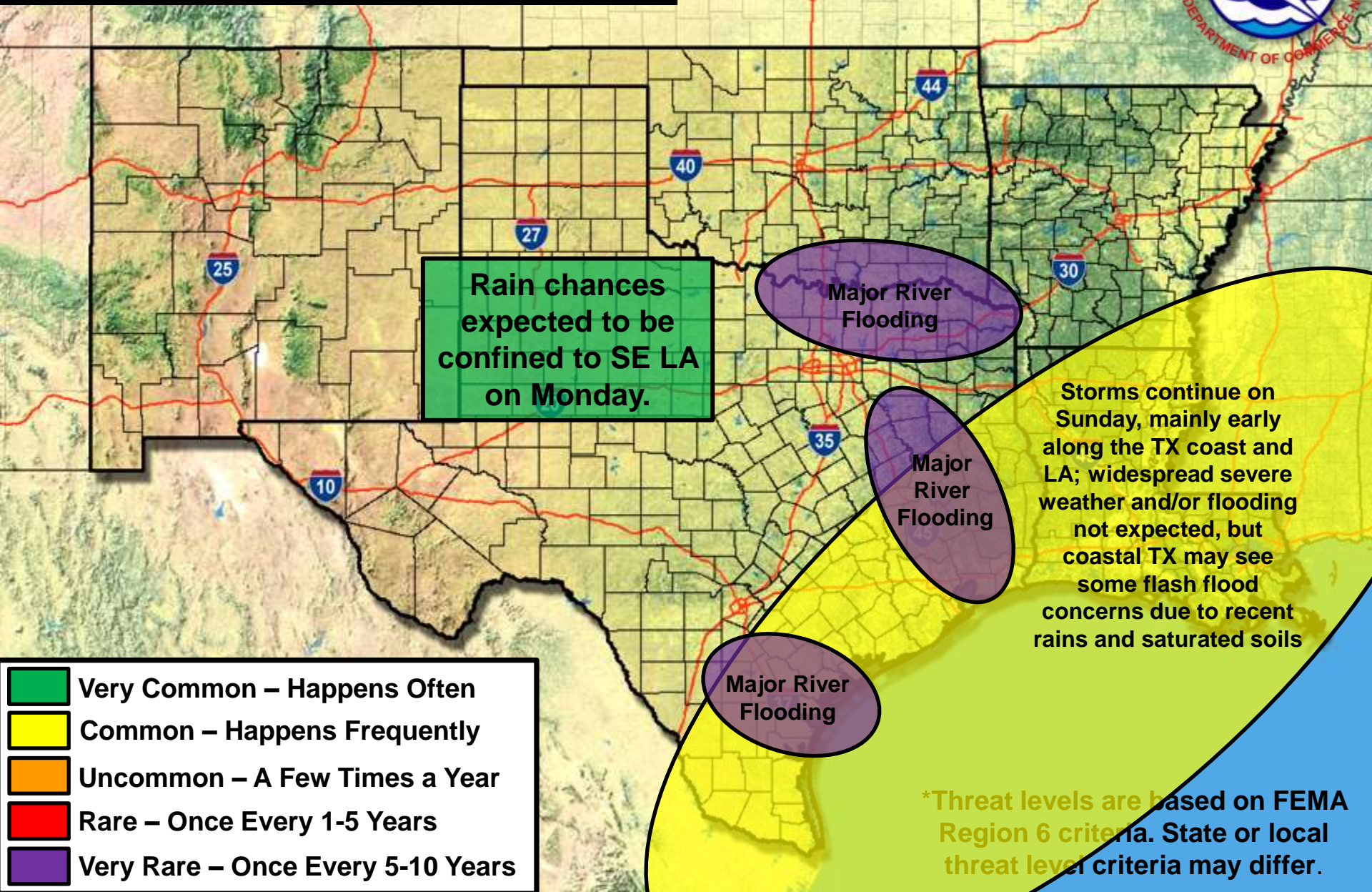


Weather Forecast for Mon, Jun 01, 2015, issued 4:45 AM EDT Sat, May 30, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Ryan based on WPC, SPC and NHC forecasts



Day 2-3 Weather Hazards

Valid: 0800 Sun - 0800 Tue



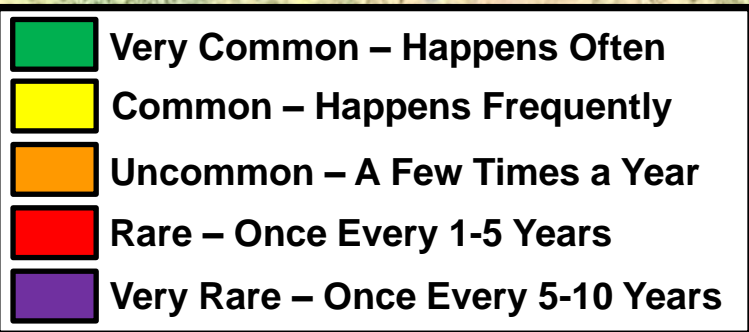
Rain chances
expected to be
confined to SE LA
on Monday.

Major River
Flooding

Major River
Flooding

Major River
Flooding

Storms continue on
Sunday, mainly early
along the TX coast and
LA; widespread severe
weather and/or flooding
not expected, but
coastal TX may see
some flash flood
concerns due to recent
rains and saturated soils



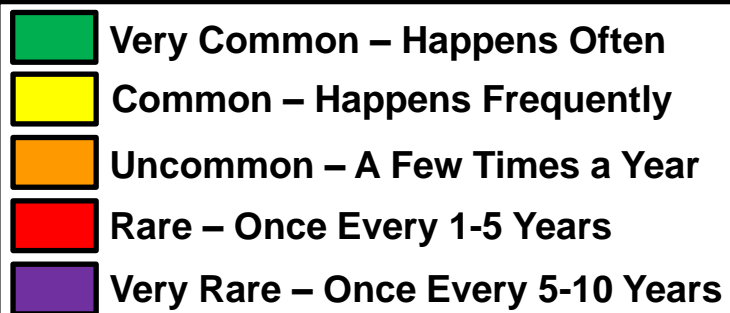
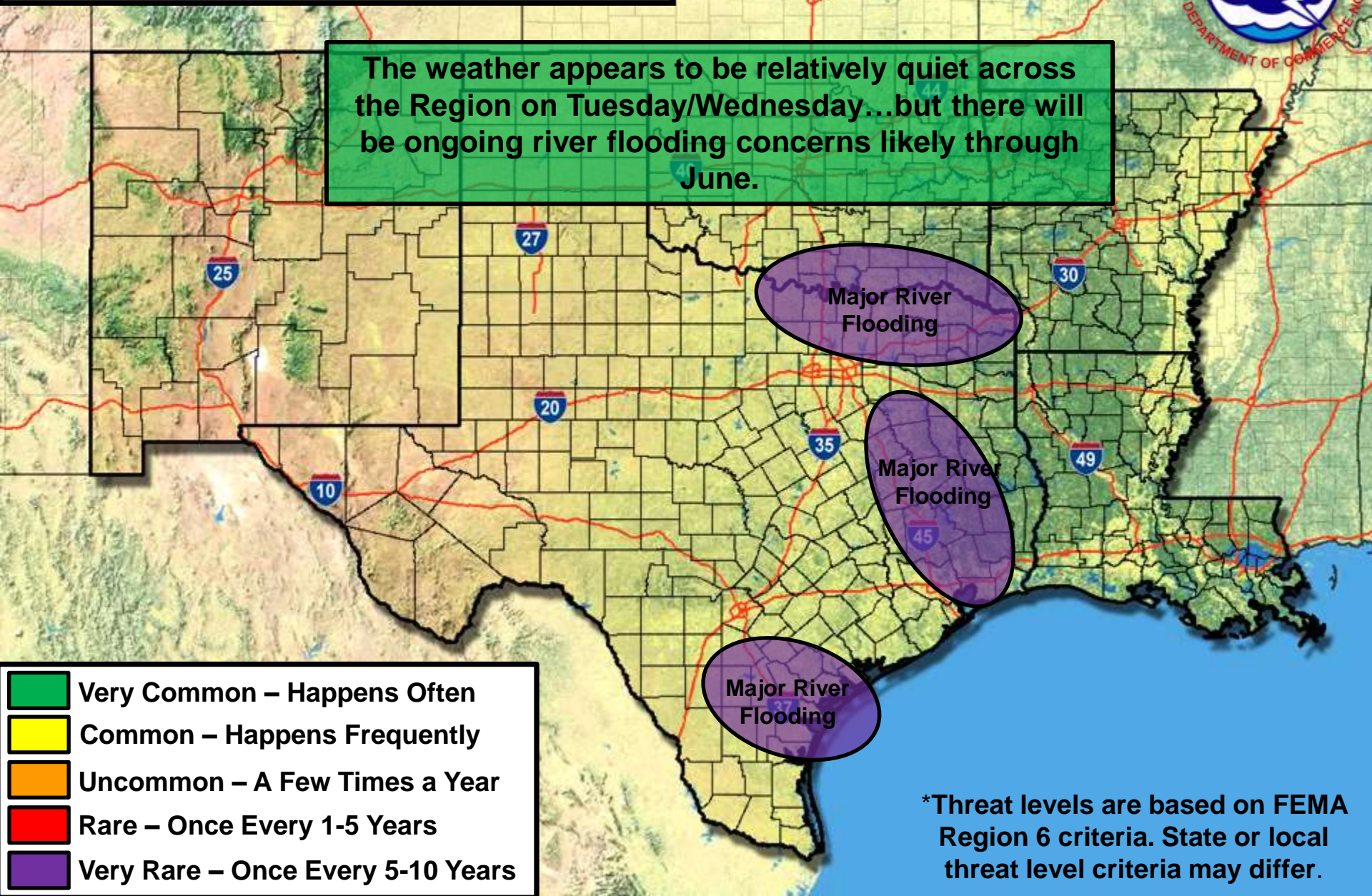
*Threat levels are based on FEMA
Region 6 criteria. State or local
threat level criteria may differ.

Day 4-5 Weather Hazards

Valid: 0800 Tue - 0800 Thu



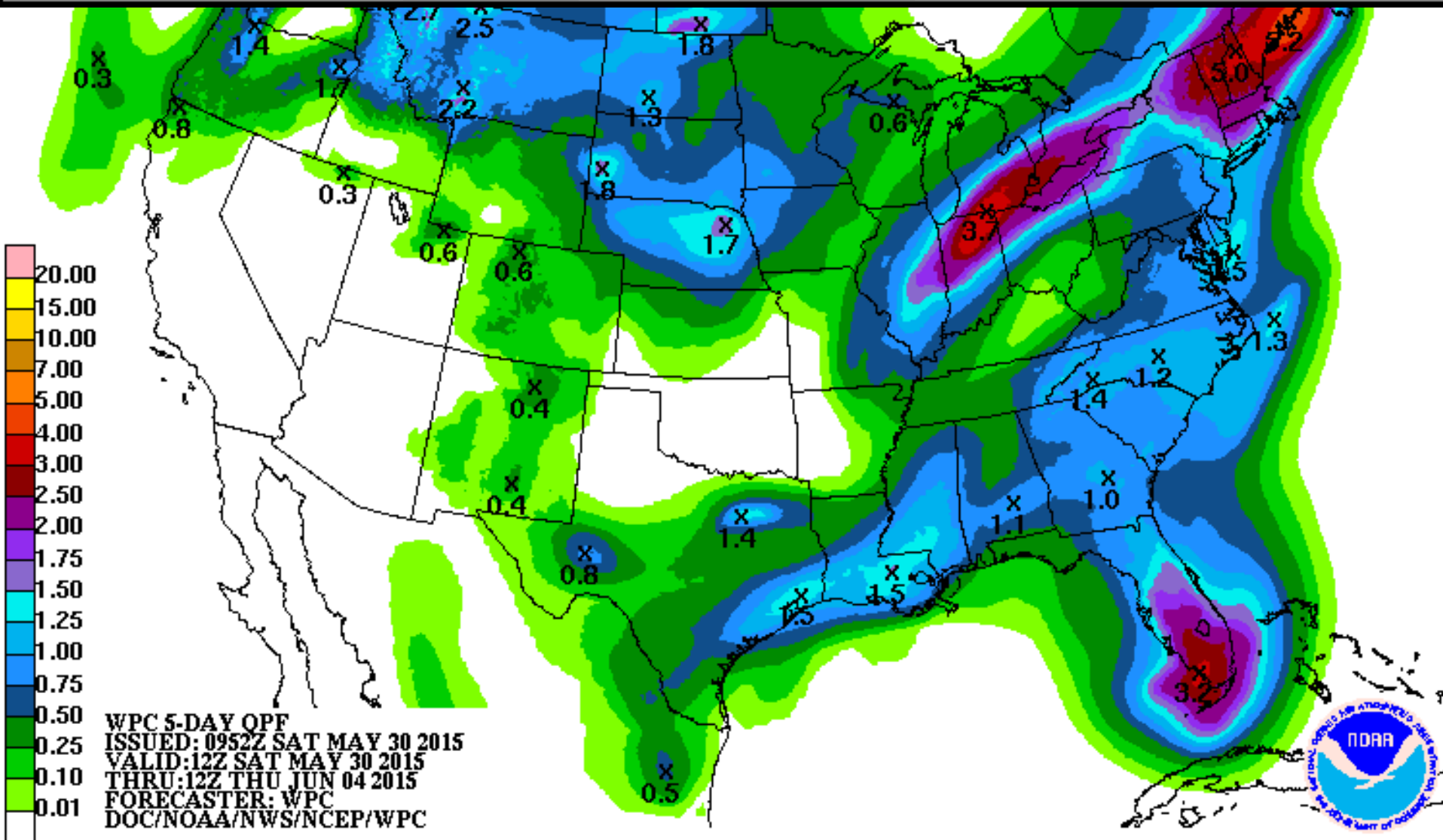
The weather appears to be relatively quiet across the Region on Tuesday/Wednesday...but there will be ongoing river flooding concerns likely through June.



*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

5-Day Precipitation

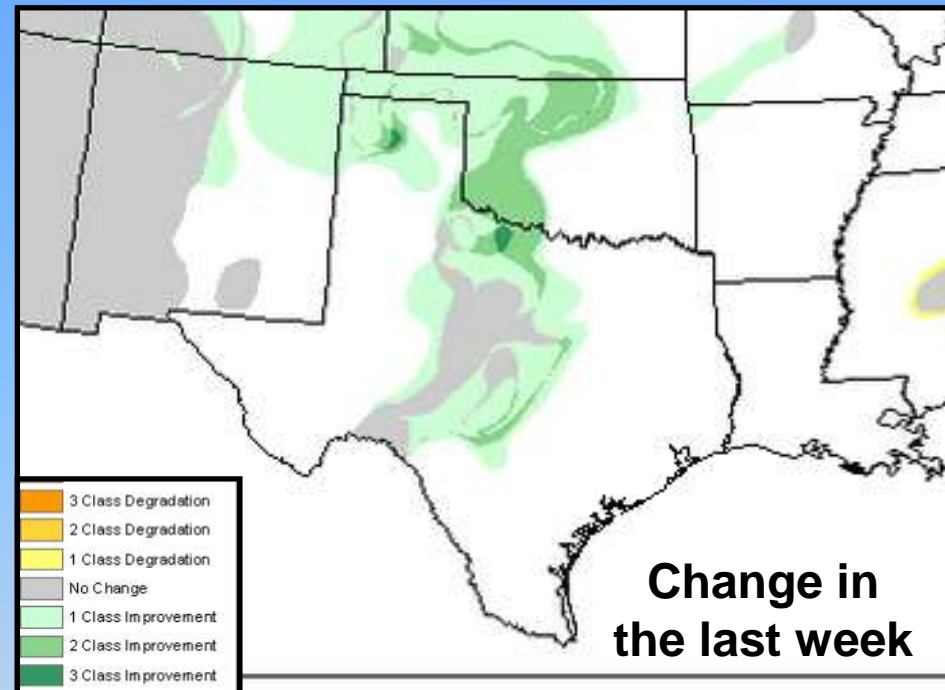
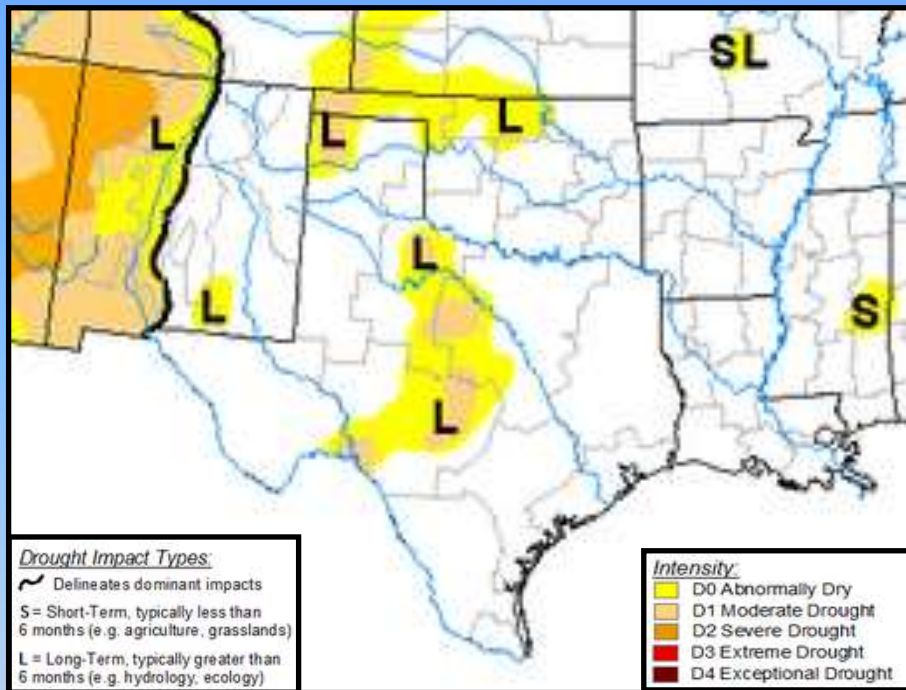
Sat AM - Thu AM





Drought Monitor Released May 28th, 2015

Data valid as of Tuesday, May 26th, 2015 at 7AM EST



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	10.95%	34.85%
Texas	0.00%	0.00%	10.95%	23.90%
New Mexico	0.00%	0.00%	3.70%	35.64%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

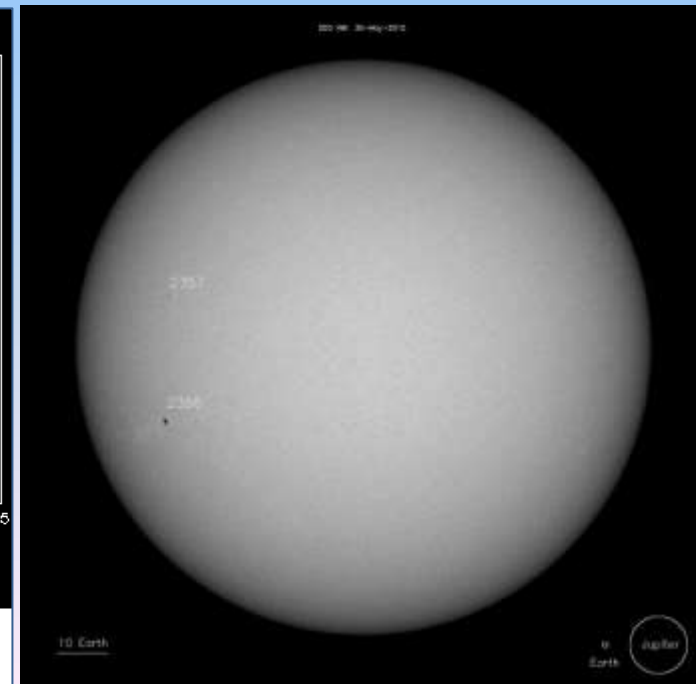
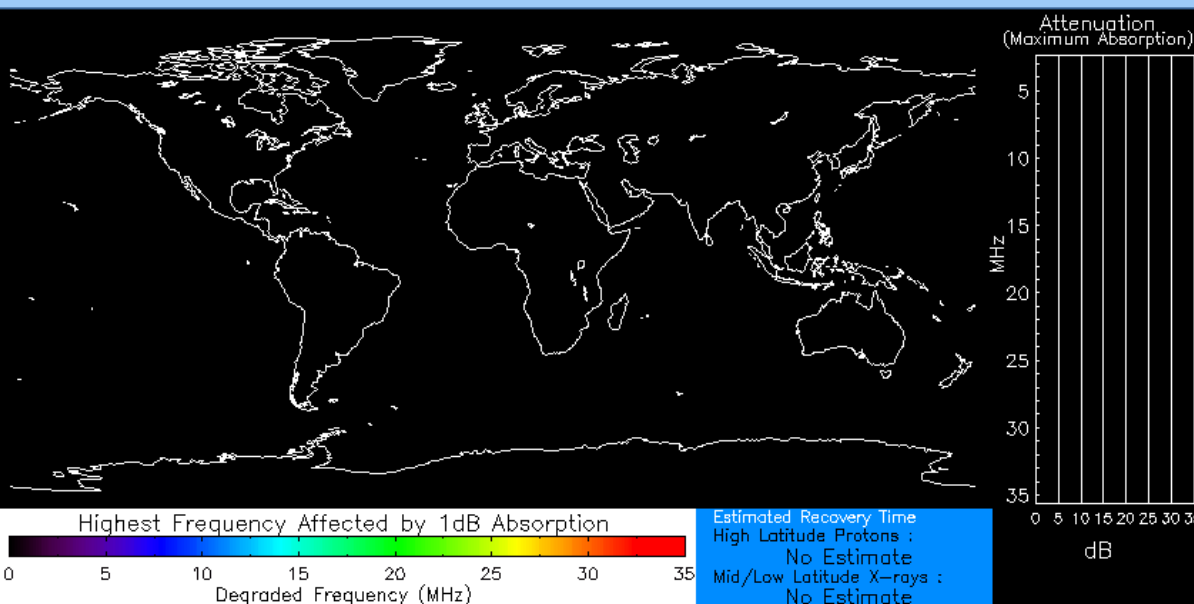
Space Weather 3-Day Forecast



	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	5%	5%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
Product Valid At : 2015-05-30 10:13 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



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